

Abstract of the Disclosure

A media-gateway controller for call set-up processing when different codecs are used and a method therefor are provided. A storage unit stores a codec conversion table indicating a relationship between a first codec and a second codec in conversion from the first codec to the second codec. A receiver receives first call setting data including codec data of a caller from the caller and receives first call response data including codec data of a callee from the callee as a response to second call setting data having been transmitted to the callee. A data transformer searches the codec conversion table for a first codec using the caller's codec data as an index and adds a second codec corresponding to the searched first codec to the first call setting data to generate the second call setting data. In addition, the data transformer searches the codec conversion table for a second codec using the callee's codec data as an index and replaces the callee's codec data included in the first call response data with a first codec corresponding to the searched second codec to generate a second call response data. A transmitter transmits the second call setting data to the callee and transmits the second call response data to the caller.